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Section 2. Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Modified) PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)
(37 CFR 1.98(b))

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APPLICANT
CAVALIERI et al

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GROUP 1806-1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLI- CATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

AD		Abul-Hajj, Y. et al., "An Estrogen-Nucleic Acid Adduct. Electroreductive Intermolecular Coupling of 3,4-Estrone-o-quinone and Adenine", <u>J. Am. Chem. Soc.</u> , 117:6144-6145 (1995)
		Liehr, J., "Mechanisms of Metabolic Activation and Inactivation of Catecholestrogens: A Basis of Genotoxicity", <u>Polycyclic Aromatic Compounds</u> , 6(10):229-239 (1994), Gordon and Breach Science Publishers S.A.
		Han, X, "Microsome-mediated 8-hydroxylation of guanine bases of DNA by steroid estrogens: correlation of DNA damage by free radicals with metabolic activation to quinones", <u>Carcinogenesis</u> , 16(10) 2571-2574 (1995)
		Pierce Chemical Co. Immunotechnology catalog & handbook. 1992, pages 39-40.
		Fujii et al., "Characterization of antisera to 2-hydroxyestradiol and 4-hydroxyestradiol using 6-(0-carboxymethyl)oxime- and 17-hemisuccinate-bovine serum albumin conjugates in radioimmunoassay", <u>Steroids</u> , 46(4,5) 857-865 (1985)
		Numazawa et al., "Radioimmunoassay of 2-hydroxyestrone using antisera raised against antigenic complexes obtained by convenient methods", <u>Chem. Pharm. Bull.</u> , 37(6) 1561-1563 (1989)
		Knuppen, et al., "Enzymatic methylation of thioethers of 2-hydroxyoestradiol by human and rat liver in vitro", <u>Hoppe-Seyler's Z. Physiol. Chem.</u> , 353: 565-568 (1972)
		Jellinck et al., "Synthesis of estrogen glutathione and cysteine derivatives", <u>Steroids</u> , 13(5) 711-718 (1969)
		Numazawa et al., "Occurrence of Cysteine Conjugate of 2-Hydroxyestrone in Rat Bile, with Special Reference to Its Formation Mechanism", <u>Chem. Pharm. Bull.</u> , 22(3) 663-668 (1974)
		Suzuki, E et al., "Synthesis of N-acetylcysteine conjugates of catechol estrogens", <u>Steroids</u> , 61:296-301 (May, 1996)
Y		Stack, et al., Genotoxic mechanisms of catechol estrogens: Depurinating adducts and tumor initiation", <u>Proc. Am. Assoc. for Cancer Res.</u> 37:129 #893 (March 1996) (abstract)

EXAMINER

MIMH-TAM DAVIS

DATE CONSIDERED

3/8/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.